

*** NOTICES ***

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
3. In the drawings, any words are not translated.

A bibliography

(19) [Country of Issue] Japan Patent Office (JP)
(12) [Official Gazette Type] Open patent official report (A)
(11) [Publication No.] JP,2000-85854,A (P2000-85854A)
(43) [Date of Publication] March 28, Heisei 12 (2000. 3.28)
(54) [Title of the Invention] Hermetic container
(51) [The 7th edition of International Patent Classification]

B65D 81/34
25/02
85/00

[FI]

B65D 81/34 U
25/02 A
85/00 A

[Request for Examination] Un-asking.
[The number of claims] 7
[Mode of Application] OL
[Number of Pages] 8
(21) [Filing Number] Japanese Patent Application No. 10-264101
(22) [Filing Date] September 18, Heisei 10 (1998. 9.18)
(71) [Applicant]
[Identification Number] 000105095
[Name] Glico protective-foods incorporated company
[Address] 7-16, Kasuga-cho, Takatsuki-shi, Osaka
(71) [Applicant]
[Identification Number] 000002897
[Name] Dai Nippon Printing Co., Ltd.
[Address] 1-1-1, Ichigaya Kaga-cho, Shinjuku-ku, Tokyo
(72) [Inventor(s)]
[Name] Sakai Yusuke
[Address] 7-16, Kasuga-cho, Takatsuki-shi, Osaka
(72) [Inventor(s)]

[Name] Nagata Shin-ichi
[Address] 1-1-1, Ichigaya Kaga-cho, Shinjuku-ku, Tokyo Inside of Dai Nippon Printing Co., Ltd.
(74) [Attorney]
[Identification Number] 100085501
[Patent Attorney]
[Name] Sano Shizuo
[Theme code (reference)]

3E062
3E068

[F term (reference)]

3E062 AA03 AB14 AC07 BA20 BB06
3E068 AA21 AB05 AC09 BB15 CC15 CD05 CE01 DD40 DE20 EE40

.....
[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any
damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
3. In the drawings, any words are not translated.

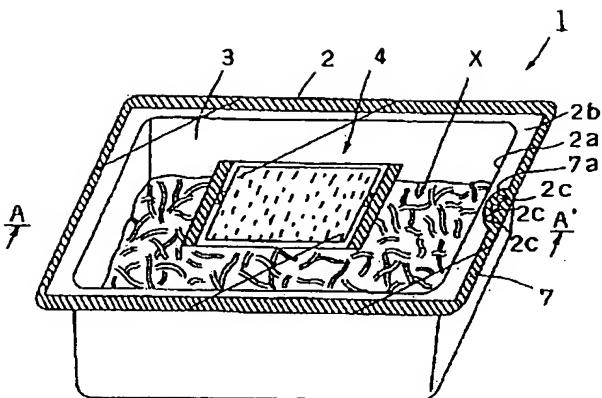
.....
An epitome

.....
(57) [Abstract]

[Technical problem] If it has the main part of a container of the shape of a tray in which the upper surface carried out the opening, and the lid the seal of the exfoliation of was made possible to the portion around this upper surface opening so that the upper surface opening of this main part of a container might be covered and heats with a microwave oven, it is the hermetic container accomplished so that cooking of the cooked object held in the main part of a container might be carried out, and the thing suitable for a dish with aroma is offered.

[Means for Solution] It is characterized by establishing the seal package object 4 accomplished so that internal pressure might rise, it might open automatically and stripping of the perfume component might be carried out outside by heat-treatment by microwave oven in a building envelope formed with the main part 2 of a container, and a lid 3.

.....
[Translation done.]



[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] A hermetic container characterized by providing the following A main part of a container of the shape of a tray in which the upper surface carried out the opening It has a lid the seal of the exfoliation of was made possible to a portion around this upper surface opening so that an upper surface opening of this main part of a container might be covered. It is the hermetic container accomplished so that cooking of the cooked object held in said main part of a container when heated with a microwave oven might be carried out. A seal package object accomplished so that internal pressure might rise, it might open automatically and stripping of the perfume component might be carried out outside by heat-treatment by said microwave oven into a building envelope formed with said main part of a container and said lid

[Claim 2] A hermetic container according to claim 1 characterized by preparing said seal package object in an inside of said lid.

[Claim 3] Said seal package object is a hermetic container according to claim 1 characterized by accomplishing so that stripping of the vaporized water may be carried out outside with a perfume component.

[Claim 4] Said seal package object is a hermetic container according to claim 3 characterized by holding a nonwoven fabric to which impregnation of a perfume component and the water was carried out in the interior of a sheathing object sealed by the seal section which can exfoliate.

[Claim 5] A hermetic container according to claim 4 characterized by said sheathing object being a flat bag body.

[Claim 6] A hermetic container according to claim 4 characterized by said sheathing object consisting of a sheathing object main part of the shape of a tray in which the upper surface carried out the opening, and a lid the seal of the exfoliation of was made possible to a portion around this upper surface opening so that an upper surface opening of this sheathing object main part might be covered.

[Claim 7] A hermetic container according to claim 6 characterized by a wrap lid serving an upper surface opening of said sheathing object main part as a wrap lid for an upper surface opening of said main part of a container.

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.

2. **** shows the word which can not be translated.

3. In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] When this invention is equipped with the main part of a container of the shape of a tray in which the upper surface carried out the opening, and the lid the seal of the exfoliation of was made possible to the portion around this upper surface opening so that the upper surface opening of this main part of a container might be covered and heats them with a microwave oven, it relates to the hermetic container accomplished so that cooking of the cooked object held in the main part of a container might be carried out.

[0002]

[Description of the Prior Art] Since this kind of hermetic container needs to move a cooked object and does not need to change it to another container in the case of cooking, the rearrangement has the advantage of becoming easy, by using as tableware the advantage that cooking is easy, and the main part of a container, with which the cooked object was held as it is, need is being circulate focusing on people living alone, and that applicability attains to the dish of various classes increasingly.

[0003] In applying this kind of hermetic container to dishes (for example, Chinese daily dish using sesame oil etc.) with aroma conventionally ** Attach the small bag with which the perfume component was held to the hermetic container, and a cooking person opens this small bag, and sprinkle a perfume component over a cooked object. ** He was trying to give aroma to a cooked object with a means of ** which sprinkles ** perfume component over the cooked object

beforehand to put in the sheet to which impregnation of the perfume component was carried out in the main part of a container so that a cooked object may be touched.

[0004] Moreover, when the cooked object steamed, and it was cooking and was heating with the microwave oven, a means of ** which sprinkles water over a cooked object before ** cooking person's cooking to put the sheet to which impregnation of the ** water was carried out on the cooked object might be taken so that the moisture contained in the cooked object might be lost and a cooked object might not carry out desiccation solidification.

[0005]

[Problem(s) to be Solved by the Invention] In **, among the conventional technology of giving aroma to a cooked object which was mentioned above In order to have to open a small bag and to have to sprinkle a perfume component over a cooked object, there is a trouble of taking time and effort, and in being ** the trouble that mold tends to grow in a sheet, and the perfume component which carried out impregnation to the sheet — a cooked object — shifting — hard — the cooked object whole — a perfume component — dying — a rear spring supporter — being hard — ** — the case where there is a trouble to say and it is ** — aroma — passing — the time — deteriorating — ** — saying — a trouble — it was .

[0006] Moreover, there were a trouble that ** requires time and effort in the case of the conventional technology of giving moisture to a cooked object which was mentioned above, and a trouble that it was difficult for a cooking person to discern the amount of suitable moisture, and ** had the trouble that mold tends to grow in a sheet.

[0007] This invention is originated in view of the situation mentioned above, and the purpose is in offering the hermetic container suitable for a steaming dish with the hermetic container suitable for a dish with aroma, and aroma.

[0008]

[Means for Solving the Problem] In order to attain the purpose mentioned above, invention of claim 1 It has a main part of a container of the shape of a tray in which the upper surface carried out the opening, and a lid the seal of the exfoliation of was made possible to a portion around this upper surface opening so that an upper surface opening of this main part of a container might be covered. It is the hermetic container accomplished so that cooking of the cooked object held in said main part of a container when heated with a microwave oven might be carried out. It is characterized by establishing a seal package object accomplished so that internal pressure might rise, it might open automatically and stripping of the perfume component might be carried out outside by heat-treatment by said microwave oven in a building envelope formed with said main part of a container and said lid.

[0009] Moreover, invention of claim 2 is characterized by preparing said seal package object in an inside of said lid in invention of claim 1.

[0010] Moreover, invention of claim 3 is characterized by accomplishing said seal package object so that stripping of the vaporized water may be carried out outside with a perfume component in invention of claim 1.

[0011] Moreover, invention of claim 4 is characterized by holding a nonwoven fabric to which impregnation of a perfume component and the water was carried out in the interior of a sheathing object sealed by the seal section in which said seal package object can exfoliate in invention of claim 3.

[0012] Moreover, it is characterized by invention of claim 5 being a bag body with said flat sheathing object in invention of claim 4.

[0013] Moreover, invention of claim 6 is characterized by said sheathing object consisting of a

sheathing object main part of the shape of a tray in which the upper surface carried out the opening, and a lid the seal of the exfoliation of was made possible to a portion around this upper surface opening so that an upper surface opening of this sheathing object main part might be covered in invention of claim 4.

[0014] Moreover, invention of claim 7 is characterized by a wrap lid serving an upper surface opening of said sheathing object main part as a wrap lid for an upper surface opening of said main part of a container in invention of claim 6.

[0015]

[Embodiment of the Invention] Hereafter, the concrete operation gestalt of this invention is explained, referring to a drawing. For drawing 1, the perspective diagram of the hermetic container 1 of the 1st operation gestalt of this invention and drawing 2 are [the plan of the seal package object 4 and drawing 4 of the A-A' line cross section of drawing 1 and drawing 3] explanatory drawings of an operation of the seal package object 4.

[0016] As shown in drawing 1 and 2, the hermetic container 1 is equipped with the main part 2 of a container of the shape of a tray in which the upper surface carried out the opening, and the lid 3 heat sealed by the upper surface of flange 2b around upper surface opening 2a possible [exfoliation] so that upper surface opening 2a of this main part 2 of a container might be covered, and the cooked object X is held in the main part 2 of a container. The seal package object 4 is stuck on the inside of a lid 3, and as the seal package object 4 is shown in drawing 3, the nonwoven fabric 6 to which impregnation of a perfume component inclusion and water, such as sesame oil and alcohol, was carried out is held in the interior of the sheathing object 5 which consists of a flat pyro type bag body.

[0017] The main part 2 of a container is formed with the film which consists of an outer layer and a inner layer of a heat adhesive property. As a material of sheathing, resin and papers, such as polyolefines, such as mechanical, polyethylene terephthalate which has the property which was excellent in physical and chemical **, a polyamide, polyethylene, and polypropylene, a polyvinyl chloride, a polycarbonate, polyvinyl alcohol, ethylene propylene rubber, and an ethylene vinyl acetate copolymer saponification object, can be used, for example.

[0018] As a material of a inner layer, sealing performance, automatic packer fitness, easy-releasability, division, oilproof, and a heat-resistant point to a polypropylene regin, polyethylene system resin, and the mixed resin of olefin system copolymer rubber are suitable.

[0019] As a polypropylene regin which is one constituent of said mixed resin, it is a crystalline propylene random copolymer, the random copolymer of a propylene and the alpha olefin of ethylene, butene-1, a pentene 1, a hexene 1, the 3-methylbutene 1, 4-methyl pentene 1, and octene 1 grade etc. is mentioned, for example, and a crystalline propylene ethylene random copolymer is desirable especially. In addition, as a random copolymer, you may be mixture with the gay polypropylene obtained by the multistage polymerization.

[0020] moreover, as polyethylene system resin which is one constituent of said mixed resin For example, high pressure process low density polyethylene, straight chain-like low density polyethylene, medium density polyethylene, And can use which ethylene independent copolymers, such as high density polyethylene, and also A propylene, butene-1, a pentene 1, a hexene 1, the 3-methylbutene 1, 4-methyl pentene 1, the alpha olefin of octene 1 grade, Or although the random of crystallinity with vinyl acetate etc. or a low crystal thru/or amorphous nature, block copolymers, or such mixture can be used, high pressure process low density polyethylene is desirable especially.

[0021] moreover, as olefin system copolymer rubber which is one constituent of said mixed resin For example, two sorts in the monoolefin of ethylene, a propylene, butene-1, a hexene 1, and 4-

methyl pentene 1 grade, Or three or more sorts of monoolefin copolymer rubber, and two sorts and dicyclopentadiene of said monoolefin, Although copolymer rubber with conjugation diolefins, such as disconjugation diolefins, such as 1, 4-hexadiene, cyclo-octadiene, methylene norbornene, and ethylidene norbornene, or a butadiene, and an isoprene, can be used Ethylene propylene copolymer rubber, ethylene butene copolymer rubber, and propylene butene copolymer rubber are desirable especially.

[0022] The blending ratio of coal of a polypropylene regin of each constituent of said mixed resin is suitable for 35 – 55 % of the weight and olefin system copolymer rubber using 45 – 65 % of the weight, and polyethylene system resin in 2 – 5% of the weight of the range to 100 % of the weight of mixed resin. Moreover, as thickness in the case of carrying out independent use of said mixed resin as a heat adhesive property resin layer of a inner layer, 20–60 micrometers is suitable and is 25–50 micrometers preferably. Moreover, what is necessary is to co-extrude the mixed resin of said base material and said polypropylene regin, polyethylene system resin, and olefin system copolymer rubber, and just to choose suitably the thickness of said mixed resin in that case, and the thickness of said base material according to the class of cooked object etc. if needed, using gay polypropylene thru/or a crystalline propylene random copolymer, etc. as a base material of the heat adhesive property resin layer of said inner layer.

[0023] Moreover, an interlayer may be prepared between the inner layer of the main part 2 of a container, and an outer layer, and this interlayer is prepared only in a inner layer and an outer layer, when functions, such as the gas cutoff nature as a main part of a container, mechanical toughness, flexibility, anti-stick property, shock resistance, abrasion resistance, cold resistance, thermal resistance, and chemical resistance, cannot fully be achieved. As resin used as this middle class, resin, such as polyolefines, such as polyethylene terephthalate, a polyamide, polyethylene, and polypropylene, a polyvinyl chloride, a polycarbonate, polyvinyl alcohol, ethylene propylene rubber, and an ethylene vinyl acetate copolymer saponification object, can be used, for example. Moreover, it can be used combining two or more sorts of these resin.

[0024] In addition, what is necessary is just to be able to achieve the function demanded as a container as thickness of the resin used for an outer layer and an interlayer, and it can choose suitably if needed. Moreover, when film-izing the resin used for an outer layer and the middle class and using it, the film which vapor-deposited inorganic substances, such as a film which carried out coating of the polyvinylidene chloride to these films or oxidation silicon, and an aluminum oxide, or films, such as a polyvinylidene chloride, can be used.

[0025] The lid 3 is formed with the film which consists of an outer layer and a inner layer of a heat adhesive property. As a material of an outer layer, resin, such as mechanical, a polyester system which has the property which was excellent in physical and chemical **, a polyamide system, a polypropylene system, a polycarbonate system, and a polyacetal system, can be used, for example, and cellophane, a synthetic paper, etc. can be used.

[0026] Moreover, since printing is performed in many cases, as for the film used as an outer layer, a printability is searched for. As such a film, the oriented film extended to 2 shaft orientations is suitable. If cost is taken into consideration, about 12–30 micrometers is [that reinforcement, rigidity, etc. should just be the thickness which may be held at necessary minimum as thickness of this film] suitable. Moreover, said film is good also as a configuration which has barrier nature as a film with which the vacuum evaporationo layer of inorganic substances, such as a film with which coating of the polyvinylidene chloride was carried out if needed, and oxidation silicon, an aluminum oxide, was formed.

[0027] As a material of the inner layer of a lid 3, the same thing as the inner layer of the main part 2

of a container can be used. An interlayer may be prepared between the outer layer of a lid 3, and a inner layer like the case of the main part 2 of a container. What could also use paper, cellophane, the synthetic paper, the nonwoven fabric, etc. as this interlayer's material, and combined two or more kinds of these base materials besides the same thing as the interlayer of the main part 2 of a container can also be used. In addition, what is necessary is just to be able to achieve the function demanded as a container as an interlayer's thickness, and it can choose suitably if needed.

[0028] A lid 3 is heat sealed by flange 2b of the main part 2 of a container by the well-known method. As shown in drawing 1, two or more ***** 2c is formed in flange 2b of the main part 2 of a container so that it may be located inside the common-law marriage of the band-like seal section 7 formed along the tip edge of flange 2b, and lobe 7a of the shape of a projection and a semicircle which includes ***** 2c is formed in the part which counters ***** 2c in the common-law marriage of the seal section 7 towards the inside. In addition, the number and the configuration of ***** 2c can be decided to be arbitration. Moreover, as long as the configuration of lobe 7a is a configuration which the exfoliation force concentrates on the point, they may be other configurations. Moreover, lobe 7a may be prepared in other sides of the seal section 7, and you may make it prepare it in two or more parts.

[0029] The sheathing object 5 of the seal package object 4 is formed with the film of a lid 3, and the film of the same configuration. The sheathing object 5 forms the band-like edge seal sections 9 and 10 along a both-ends edge while it carries out joining-the-palms-together **** of the both-sides edge and forms the band-like back seal section 8, as this film is bent to tubed and shown in drawing 3. In this case, width of face of the seal section which it is going to open preferentially is made narrower than the width of face of other seal sections, or seal reinforcement is weakened.

[0030] Moreover, you may make it prepare one or more non-seal sections formed in the shape of a triangle etc. so that it might project towards a tip edge in the back seal section 8 from the end face section. In this case, if the internal pressure of the sheathing object 5 rises, exfoliation will begin from the point of this non-seal section toward the tip edge of the back seal section 8, and if exfoliation arrives at a tip edge, the sheathing object 5 will open.

[0031] The nonwoven fabric 6 of the seal package object 4 is formed with the material with good absorbency, such as natural wood pulp fiber. Thus, since the perfume component and water of a constant rate can be certainly enclosed with the sheathing object 5 interior while a perfume component and water drip at the time of manufacture, omission can be prevented and handling nature improves by using an absorbency high nonwoven fabric, the amount of the time amount which opening of the seal package object 4 takes, the perfume component given to the cooked object X, and moisture is controllable with a sufficient precision. The seal package object 4 is stuck on the inside of a lid 3 by hot melt etc. so that the back seal section 8 may counter the cooked object X.

[0032] Next, an operation of the hermetic container 1 of a configuration of having mentioned above is explained. If put a hermetic container 1 into a microwave oven, the timer of a microwave oven is set to the predetermined cooking time amount indicated by the hermetic container 1, the start button of a microwave oven is pushed and heating of a hermetic container 1 is started, the moisture which carried out impregnation to the nonwoven fabric 6 of the seal package object 4 will begin to evaporate, the internal pressure of the seal package object 4 will rise, and as shown in drawing 4, the sheathing object 5 whole will swell. Moreover, the moisture contained in the cooked object X held in the main part 2 of a container begins to evaporate, the internal pressure of the main part 2 of a container rises, and a lid 3 swells outside.

[0033] If exfoliation of the back seal section 8 and/or the edge seal sections 9 and 10 starts [in / first / the internal pressure of the main part 2 of a container and the sheathing object 5 rises

gradually, and / the sheathing object 5] and exfoliation arrives at the tip edge of the seal section with progress of heating time, the moisture and perfume component which the sheathing object 5 interior evaporated will spout outside. The spouted perfume component diffuses on all sides, adheres over the whole upper surface of the cooked object X, and permeates the whole cooked object X uniformly. Moreover, since the moisture of the evaporated optimum dose is given to the cooked object X, while the cooked object X can prevent carrying out desiccation solidification, it has been deliciously steamed by the cooked object X.

[0034] Next, if the seal section 7 of the main part 2 of a container and a lid 3 begins to exfoliate from the point of lobe 7a and exfoliation reaches ***** 2c, the steam of the main part of container 2 interior will spout outside through ***** 2c. The burst of a hermetic container 1 is prevented by this.

[0035] After predetermined cooking time amount is completed, a hermetic container 1 is picked out from a microwave oven, and exfoliation removal of the lid 3 is carried out from the main part 2 of a container. At this time, the steam it is [steam] full of the main part of container 2 interior diffuses outside, and by the perfume component contained in the steam, a fragrant smell drifts around and stimulates the appetite of those who eat.

[0036] Next, the 2nd operation gestalt of this invention is explained. Drawing 5 is the perspective diagram of the hermetic container 11 of the 2nd operation gestalt, and drawing 6 is the B-B' line expanded sectional view of drawing 5. In addition, in this operation gestalt, the same sign is given to the portion equivalent to the 1st operation gestalt.

[0037] With this operation gestalt, the seal package object 12 has the sheathing object main part 13 of the shape of a tray in which the upper surface carried out the opening, and the nonwoven fabric 6 to which the interior was made to carry out impregnation of a perfume component and the water is held. The sheathing object main part 13 is formed with the same material as the main part 12 of a container, and is heat sealed possible [exfoliation] by the method that the upper surface of flange 13b around upper surface opening 13a is well-known to the inside of a lid 3. That is, the wrap lid 3 serves upper surface opening 13a of the sheathing object main part 13 as the wrap lid for upper surface opening 2a of the main part 2 of a container. The configuration of others of this operation gestalt is the same as that of the 1st operation gestalt.

[0038] ***** 13c is formed so that it may be located inside the common-law marriage of the band-like seal section 14 formed along the tip edge of flange 13b, and lobe 14a of the shape of a projection and a semicircle which includes ***** 13c is formed in the part which counters ***** 13c in the common-law marriage of the seal section 14 towards the inside. In addition, the number and the configuration of ***** 13c can be decided to be arbitration. Moreover, as long as the configuration of lobe 14a is a configuration which the exfoliation force concentrates on the point, they may be other configurations.

[0039] If the moisture which carried out impregnation to the nonwoven fabric 6 when this hermetic container 11 was heated with the microwave oven evaporates, the internal pressure of the seal package object 4 rises, the seal section 14 begins to exfoliate from the point of lobe 14a and exfoliation reaches ***** 13c, the moisture and perfume component which the sheathing object main part 13 interior evaporated will blow off outside through ***** 13c, and aroma will be given to the cooked object X. Moreover, since the moisture of optimum dose is given to the cooked object X, while the cooked object X can prevent carrying out desiccation solidification, it has been deliciously steamed by the cooked object X. Then, like the 1st operation gestalt, a lid 3 exfoliates from the main part 2 of a container, and the burst of the main part 2 of a container is prevented.

[0040] Next, the 3rd operation gestalt of this invention is explained. Drawing 7 is the plan of the seal

package object 15 of the 3rd operation gestalt, and drawing 8 is the C-C' line expanded sectional view of drawing 7.

[0041] Pile up the sheets 17 and 18 of two sheets with which the sheathing object 16 of the seal package object 15 consists of the same material as the material of the sheathing object 5 of the 1st operation gestalt with this operation gestalt, and it heat seals along with the periphery section. So that it may be located in one sheet 17 near the common-law marriage of the one side of the band-like seal section 19 formed in the periphery section ***** 17a is prepared and lobe 19a of the shape of a projection and a semicircle which includes ***** 17a is formed in the part which counters ***** 17a in the common-law marriage of the seal section 19 inside.

[0042] In addition, as long as the configuration of lobe 19a is a configuration which the exfoliation force concentrates on the point, they may be other configurations. Moreover, lobe 19a may be prepared in other sides of the seal section 19, and you may make it prepare it in two or more parts. Moreover, as shown in the shape of the shape of a slit as what kind of configuration is sufficient also as the configuration of ***** 17a, for example, shown in drawing 9, and a long hole as shown in drawing 10, and drawing 11, it can be made the shape of a triangle. Moreover, the number of ***** 17a can be decided to be arbitration. Moreover, width of face of the side in the seal section 19 which it is going to open preferentially may be made narrower than the width of face of other sides instead of preparing lobe 19a and ***** 17a.

[0043] In addition, in order that the heat-sealing bar by the side of a sheet 17 may contact the heat adhesive property resin layer of a sheet 18 through ***** 17a and heat adhesive property resin may carry out melting adhesion in this case at a heat-sealing bar in case sheets 17 and 18 are heat sealed when sheets 17 and 18 are thin, a heat-sealing bar must be cleaned periodically.

[0044] Since such time and effort is saved, it is possible to prepare a recess hole in the part which counters ***** 17a in the heat-sealing bar by the side of a sheet 17, and to make it a heat-sealing bar not contact the heat adhesive property resin layer of a sheet 18, but in order to have to set a recess hole by ***** 17a exactly as the path of this recess hole is the same as ***** 17a, aim doubling of a heat-sealing bar becomes very difficult. Then, since a heat-sealing bar will not touch the heat adhesive property resin layer of a sheet 18 even if the location of a heat-sealing bar shifts somewhat if the path of a recess hole is made larger than ***** 17a, aim doubling becomes easy. In this case, as shown in drawing 12 and 13, the non-seal section 20 will be formed in the perimeter of ***** 17a.

[0045] In addition, you may make it prepare ***** 17a and ***** 18a of isomorphism Doshisha University in the part which counters ***** 17a in a sheet 18, as shown in drawing 14. Since the manufacture method of carrying out coincidence formation of ***** 17a and 18a at the same production process can be taken after heat sealing the sheets 17 and 18 with which ***** 17a and 18a are not formed if it does in this way, a problem (heat adhesive property resin adheres to a heat-sealing bar) which was mentioned above does not arise.

[0046] The seal package object 15 is stuck on the inside of a lid 3 so that ***** 17a may counter a cooked object. The configuration of others of this operation gestalt is the same as that of the 1st operation gestalt.

[0047] If the moisture which carried out impregnation to the nonwoven fabric 6 of the seal package object 15 interior evaporates, the internal pressure of the seal package object 4 rises, the seal section 19 begins to exfoliate from the point of lobe 19a and exfoliation reaches ***** 17a with heating by the microwave oven, the moisture and perfume component which the sheathing object 16 interior evaporated will blow off outside through ***** 17a, and aroma will be given to a cooked object. Moreover, since the moisture of optimum dose is given to the cooked object X, while being

able to prevent desiccation solidification of the cooked object X, it has been deliciously steamed by the cooked object X.

[0048] In addition, this invention is not limited to the operation gestalt mentioned above, and various modification is possible for it.

[0049] For example, as long as a seal package object is in the building envelope formed by the lid and the main part of a container, you may make it prepare it in other locations with the operation gestalt mentioned above, although the seal package object is prepared in the inside of a lid.

[0050] Moreover, although he is trying for the main part of a container to open with the operation gestalt mentioned above after a seal package object opens, you may make it the main part of a container open first.

[0051] Moreover, in order to improve the appearance of the main part of a container, a feeling of a feel, and adiathermic, you may make it establish [the peripheral wall external surface of the main part of a container] the external surface of a wrap sleeve-like sheathing member, the peripheral wall of the main part of a container, and a bottom wall for a wrap outer container. Modification various in the range which does not deviate from the summary of this invention besides these is possible.

[0052]

[Effect of the Invention] Since a cooking person does not need to sprinkle a perfume component over a cooked object by internal pressure's having risen by heat-treatment by the microwave oven, having opened automatically, and having established the seal package object accomplished so that stripping of the perfume component might be carried out outside in the building envelope formed with the main part of a container, and a lid according to this invention as explained above, it does not take time and effort. Moreover, since vigor can improve a lot of perfume components stripping from packaging goods-ed, a perfume component dies uniformly over the whole cooked object, and they are a rear spring supporter and a cone. Furthermore, since it is sealed inside the seal package object and isolated from the cooked object, mold cannot grow easily and aroma does not carry out deterioration with the passage of time of the perfume component.

[0053] Since this steam diffuses around and a fragrant smell drifts when the steam containing a perfume component is full in the upper surface of a cooked object, and the space between lids and exfoliation removal of the lid is carried out from the main part of a container at the time of cooking by having prepared the seal package object in the inside of a lid when based on the hermetic container of claim 2, the appetite of those who eat can be stimulated and commodity value improves.

[0054] When based on the hermetic container of claim 3, by accomplishing a seal package object so that stripping of the vaporized water may be carried out outside with a perfume component, the moisture of optimum dose can be automatically given to a cooked object, and while being able to prevent desiccation solidification of a cooked object certainly, without applying time and effort to a cooking person, the cooked object has been steamed deliciously. Moreover, it is sanitary, without mold arising.

[0055] By having held the nonwoven fabric to which impregnation of a perfume component and the water was carried out in the interior of the sheathing object sealed in the seal package object by the seal section which can exfoliate, when based on the hermetic container of claim 4 While a perfume component and water drip at the time of manufacture, omission can be prevented and handling nature improves Since the perfume component and water of a constant rate can be enclosed certainly, the amount of the time amount which opening of a seal package object takes, and the perfume component given to a cooked object is controllable with a sufficient precision.

Moreover, while being able to prevent desiccation solidification of a cooked object more certainly, a cooked object can steam and a raising condition can be controlled with a sufficient precision.

[0056] When based on the hermetic container of claim 5, while it is advantageous in space by having used the sheathing object as the flat bag body, the handling nature at the time of manufacture improves.

[0057] Since much sheathing objects can be followed and contents can be enclosed with them at high speed by having made it what consists of a tray-like sheathing object main part with which the upper surface carried out the opening of the sheathing object, and a lid the seal of the exfoliation of was made possible to the portion around this upper surface opening so that the upper surface opening of this sheathing object main part might be covered when based on the hermetic container of claim 6, manufacture efficiency improves.

[0058] When based on the hermetic container of claim 7, components mark and a manufacturing cost decrease by having served as the lid with which the lid which **** the upper surface opening of the main part of a container **** the upper surface opening of the sheathing object main part of a seal package object.

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] The perspective diagram of the hermetic container 1 of the 1st operation gestalt of this invention.

[Drawing 2] The A-A' line cross section of drawing 1.

[Drawing 3] The plan of the seal package object 4.

[Drawing 4] Explanatory drawing of an operation of the seal package object 4.

[Drawing 5] The perspective diagram of the hermetic container 11 of the 2nd operation gestalt of this invention.

[Drawing 6] The B-B' line cross section of drawing 5.

[Drawing 7] The plan of the seal package object 15 of the 3rd operation gestalt of this invention.

[Drawing 8] The C-C' line expanded sectional view of drawing 7.

[Drawing 9] The plan of the important section of the modification of the 3rd operation gestalt.

[Drawing 10] The plan of the important section of the modification of the 3rd operation gestalt.

[Drawing 11] The plan of the important section of the modification of the 3rd operation gestalt.

[Drawing 12] The plan of the important section of the modification of the 3rd operation gestalt.

[Drawing 13] The D-D' line expanded sectional view of drawing 12.

[Drawing 14] The expanded sectional view of the important section of the modification of the 3rd operation gestalt.

[Description of Notations]

- 1 Hermetic Container
- 2 Main Part of Container
- 3 Lid
- 4 Seal Package Object

[Translation done.]

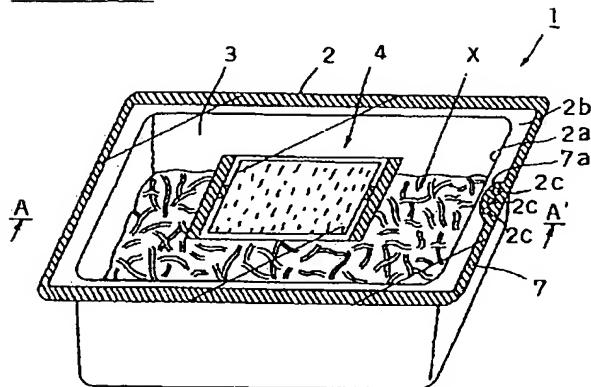
* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

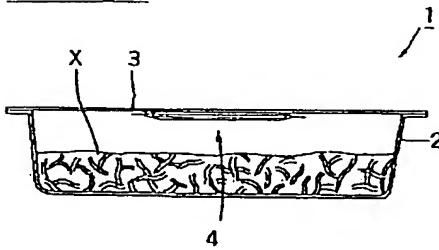
1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. *** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DRAWINGS

[Drawing 1]

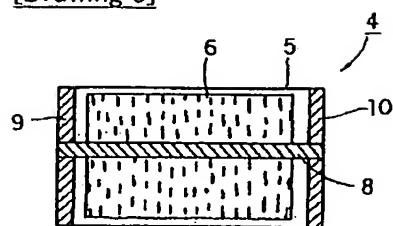


[Drawing 2]

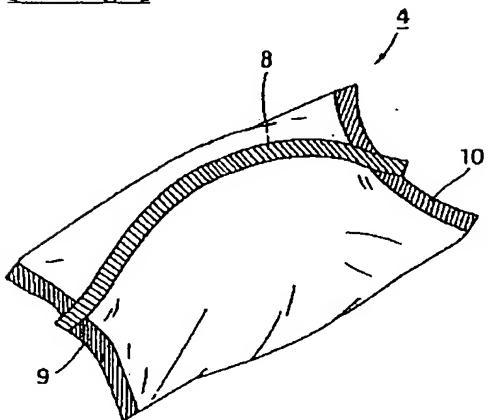


BEST AVAILABLE COPY

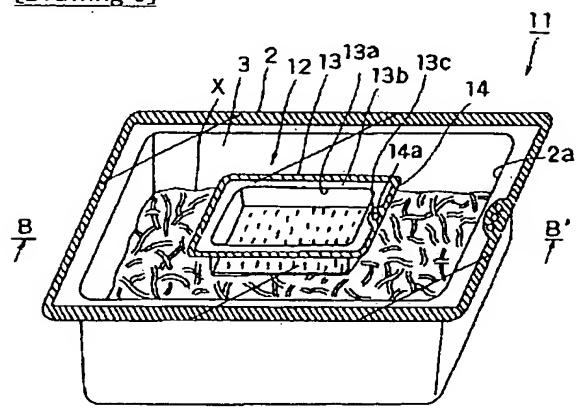
[Drawing 3]



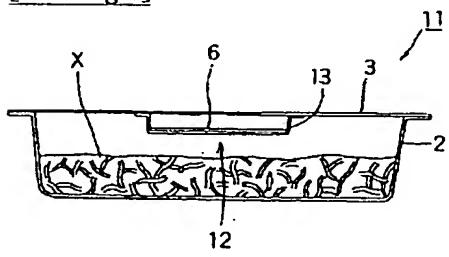
[Drawing 4]



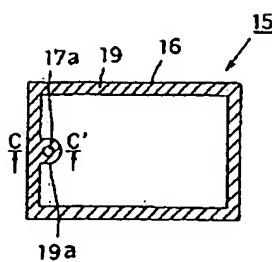
[Drawing 5]



[Drawing 6]

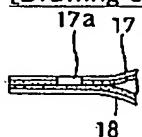


[Drawing 7]

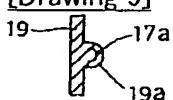


BEST AVAILABLE COPY

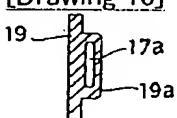
[Drawing 8]



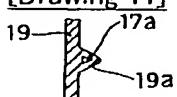
[Drawing 9]



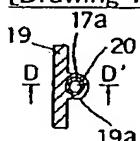
[Drawing 10]



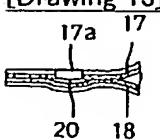
[Drawing 11]



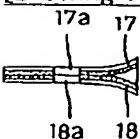
[Drawing 12]



[Drawing 13]



[Drawing 14]



[Translation done.]